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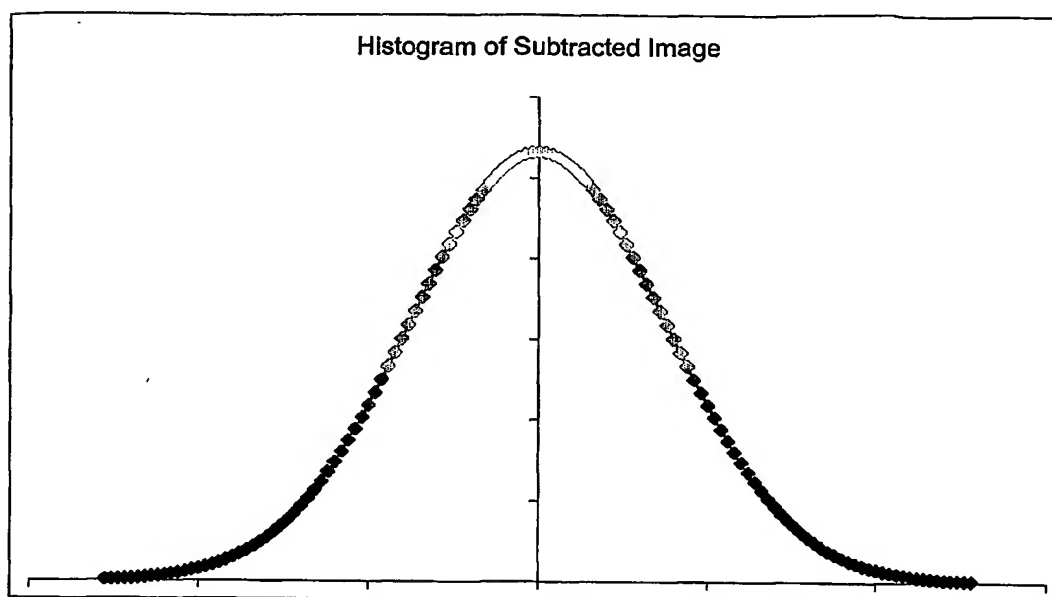
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[Continued on next page]

(54) Title: **ADAPTIVE SUBTRACTION IMAGE COMPRESSION**



(57) Abstract: The present invention provides methods and systems for compressing digital images by arranging the images in a series, subtracting the pixel of each of the images from its corresponding pixel in its adjacent image, adjusting the pixel value to zero for pixels having an absolute value less than a predetermined threshold value, and compressing said images using a compression algorithm to form compressed images. Images compressed in accordance with the invention can be reduced in size by at least about 60%. Compressed images can be stored, manipulated, and transferred with increased efficiency and speed at a greatly reduced cost.

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